Forklift Attachment

Forklift Attachments North Carolina - Without forklift attachments, many jobs would be difficult, if not impossible. There are numerous forklift attachments that make jobs faster and safer to complete. In addition to general forklift training, operators must be properly training for each attachment they intent to use. Many hydraulic and non-hydraulic forklift attachments are available. They offer numerous benefits by decreasing man-power, employee accidents, fuel consumption, damage to stock and time. Equipment Considerations Forklift attachments can be switched out to replace existing attachments or may be used on machines that don't currently have one. Various considerations need to be taken prior to adding or replacing any forklift attachment. These considerations include the kind of forklift, the machine's capacity, the number of hydraulic functions required to power the attachment's and the type of carriage. Failure to properly consider these factors will increase the safety risk associated with operation of a forklift and its attachments and increase the risk for damage to the forklift, the attachment and surrounding area, including stock. Extra safety factors must be considered which will be discussed in more detail. Forklift Rating and Re-Rating These machines are provided with lift capacity ratings from the manufacturer that need adjusting when changing or adding any forklift attachments. There are calculators available online from forklift attachment manufacturers to estimate each attachments particular lifting capacity. Accurate lifting capacities are only available from the forklift manufacturers. The first step before installing any attachment is to get in touch with the authorized local forklift dealer to request that that forklift brand is re-rated accordingly with the attachment. There will be a new specification plate that is factory authorized once the forklift manufacturer has re-rated the machine. This new specification plate will replace the original plate and should be installed showing the new rating for the forklift. Equipment Upgrades Forklift attachments rely on the machine's hydraulic function and are made up of a forklift valve that has a lever situated close to the operator. This creates two passages of pressurized hydraulic oil for powering the attachment features. Hydraulic forklift attachments typically offer numerous features compared to the number of valves on the forklift. Not ever forklift attachment is hydraulic. When this happens, the forklift needs to have one or more valves added. There are numerous ways a valve can be added. There are many ways to add a forklift valve.Equipment manufacturers make forklift accessories for hose routing and valve placement. However, the parts and labor to install these can be so expensive as to make this option impractical. Other options include adding a cable reel and a hose in conjunction with a solenoid valve to divert oil from an existing location. Unfortunately, hose and cable reels can sometimes block the operator's view and can be easily damaged. Special hoses and a solenoid valve kit an be used to create an electrical conduit out of the reinforced braid. These hoses are designed to replace existing ones and stay free from being damaged. The operator can enjoy a clear view with this option. Safety Considerations Prior to fitting any type of forklift attachment, proper training must be obtained. The operator needs to be able to remove, fit and operate the attachment. There are 2 vital safety factors to think about before operating any type of forklift attachment. Firstly, it is important to note that any kind of forklift attachment will reduce the machine's nominal load rating. Forks and a stock fork carriage compute the nominal load rating; although, the precise load rating may be much lower. Secondly, the forklift's center of gravity will be affected when any forklift attachment is added. The forklift's stability will be reduced and this needs to be computed for safety. Because the weight of the attachment will be placed in front of the forklift's fulcrum point, it is necessary to drive the forklift as though it is partially loaded, even prior to picking up a load. It is essential that operators travel slowly and make gentle turns when using any kind of forklift attachment. Check the forklift's capacity to ensure that every attachment is listed on the data plate. Specific safety checks must be made prior to using each forklift attachment. The attachment must be: 1. Appropriate for the specific forklift being used; 2. Appropriate for the specific load; 3. Attached correctly; 4. Properly locked; and 5. Permitted on the forklift's data plate. List of Common Forklift Attachments

Discover a list of common forklift attachments and how they are utilized below. This is just a sample list of some of the most popular forklift attachments. As you will see, the large variety of attachments available have the capacity to greatly increase the efficiency of many jobs. SIDESHIFTER: Allows the operator to move the forks laterally, allowing for easier placement of a load without the need to reposition the entire forklift. FORK POSITIONERS: Fork positioners allow the forks to travel apart or together with each other to adjust for different load sizes. DIMENSIONING DEVICES: Dimensioning devices feature cargo dimensions useful for creating better efficiency in trucks, trailers and warehouses. This technology is often used alongside billing systems that monitor volume. ROTATOR: Assists in righting skids that have tilted, handling custom load requirements and quick unloading. Numerous attachments have a rotator feature. ROLL AND BARREL CLAMP: The roll and barrel clamp simplifies grasping rounded loads such as barrels. It has numerous pressure settings for handling fragile items with less damage potential. This attachment often has a rotate function to change the load from a vertical to a horizontal position. CARTON AND MULTIPURPOSE CLAMP: The carton and multipurpose clamp is for grasping loads with a squared shape. It also features pressure settings to handle bales, boxes and cartons. POLE ATTACHMENTS: Pole attachments are placed where the forks would normally be and are used for transporting carpet and rolled up linoleum. SLIP SHEETER OR PUSH-PULL: The slip sheeter or push-pull allows the operator to move sheets by clamping onto slip sheets. This is an option instead of relying on pallets. The slip sheet can be moved onto thin and wide metal forks to simplify loading or unloading by pushing the slip sheet. The “Save” variation allows the slip sheet to be taken off for reuse later. The “Standard,” attachment variation is another option. DRUM HANDLER: The drum handler is specifically designed to transport drums. It might feature arms to hold the drum or be a spring-loaded model to grip the top lid. DRUM AND STORAGE BIN TIPPER: The drum and storage bin tipper is designed for easier transport of liquid items or loose materials into bigger containers. MAN BASKET: Lift platform meant for lifting workers and complete with railings and brackets for safety harnesses. TELESCOPIC FORKS: Allows operation in a warehouse using two pallet stacking where one shelf is placed directly behind another with no aisle between the two. SCALES: Enables operators to simultaneously weigh and transport pallets, eliminating the need to interrupt transport to travel to scales, and can be obtained in legal-for-trade weights for operations that bill by weight. SINGLE-DOUBLE FORKS: The single-double forks can be used alongside regular lifting tasks. It allows a single pallet or platform to move or two pallets beside each other. Additional attachments can be used and this replaces the need for having a separate specialty unit; thus reducing maintenance and operating costs associated with more than one machine. SNOW PLOW: Originally designed for snow removal, snow plow attachments can be used to move other loose items. SKIPS: Skips enable quick and safe waste removal to a skip or waste compactor. They may feature a bottom-emptying design or be a roll-forward model. BOOMS AND JIBS: Allow for extended reach of a forklift to transport suspended loads or loads that are stacked high or deep. They are available in different setups such as reach over and precision lifting or low profile fixed and extendable lengths.